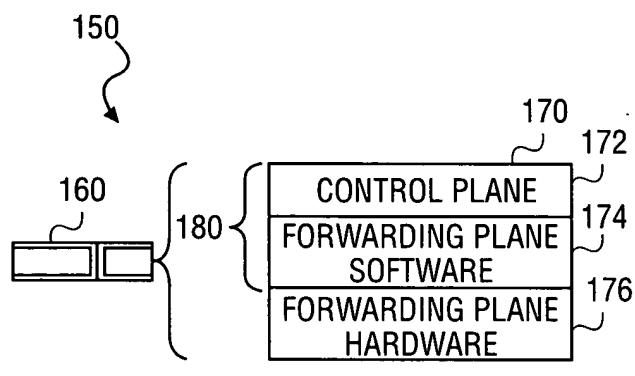


FIG. 1



EACH OF THE NETWORK ELEMENTS ABOVE HAVE TIGHTLY COUPLED, PROPRIETARY FORWARDING PLANE HARDWARE & SOFTWARE, DESIGNED TO SUIT A SPECIFIC NEED. UPDATING THE HARDWARE REQUIRES AN UPDATE OF ALL THE SOFTWARE

FIG. 2

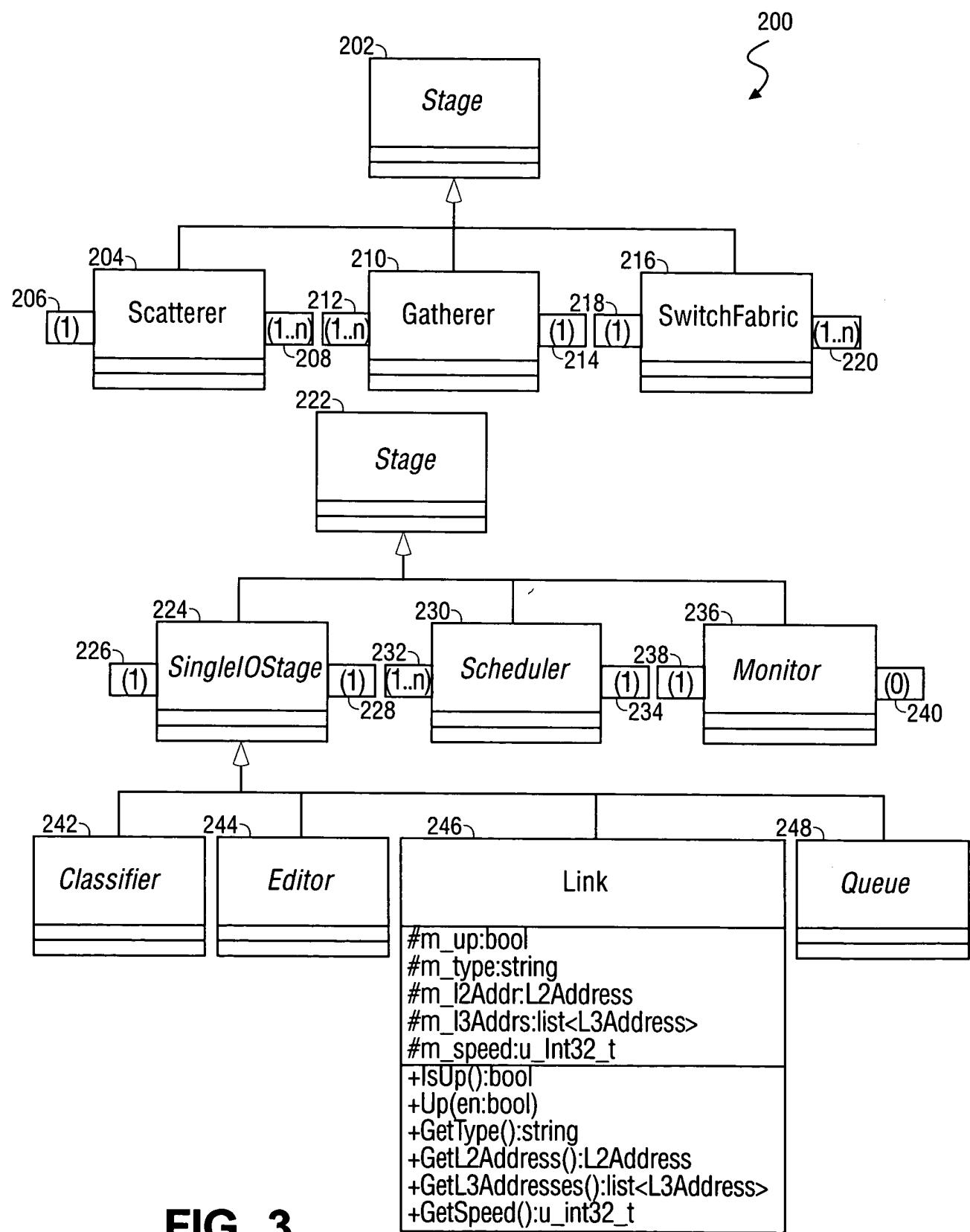
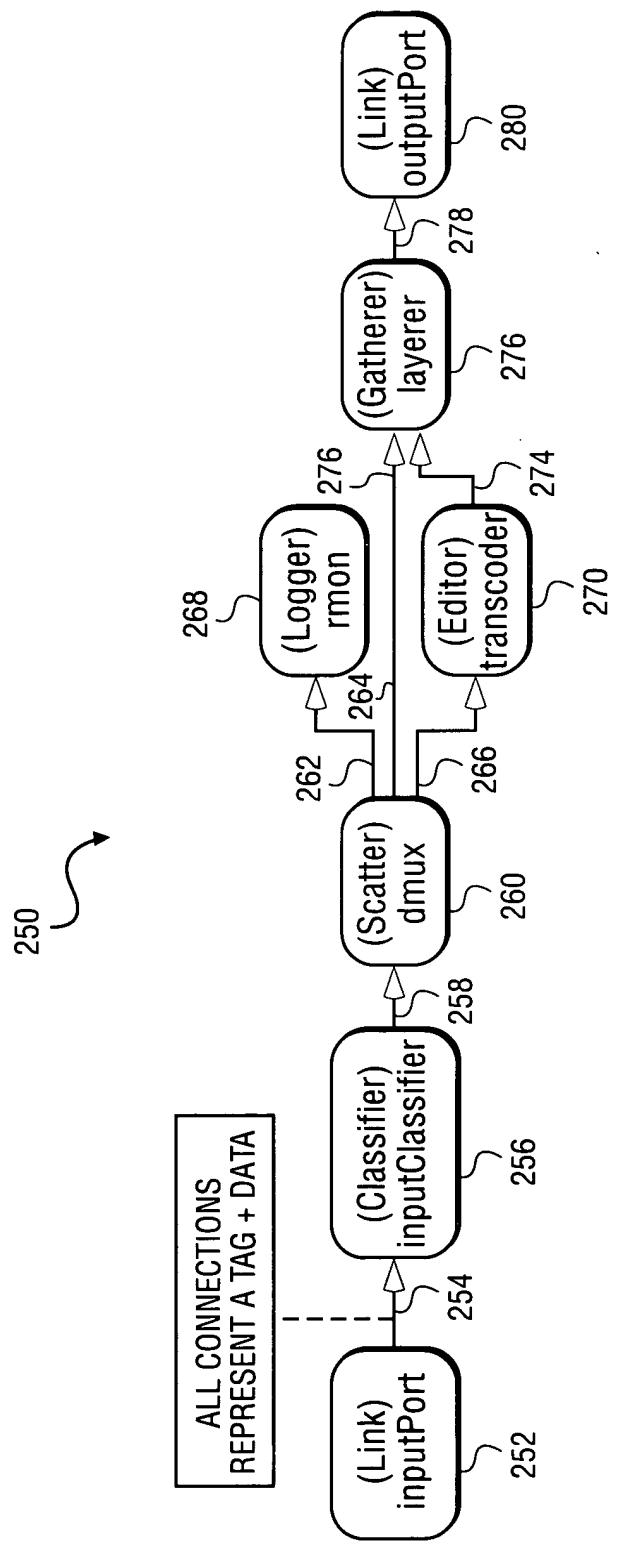


FIG. 3

FIG. 4



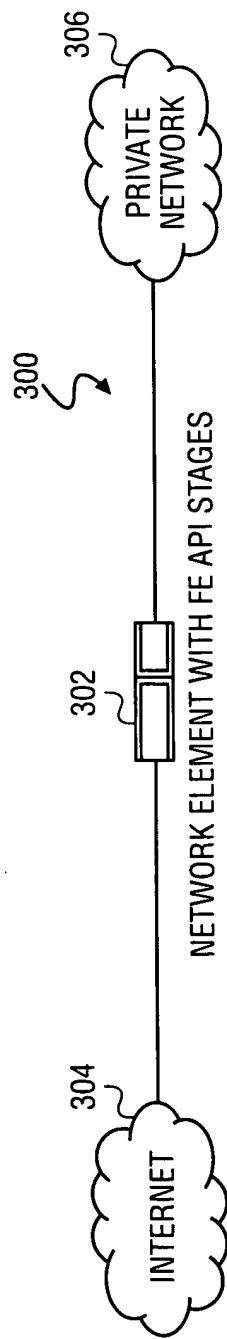


FIG. 5

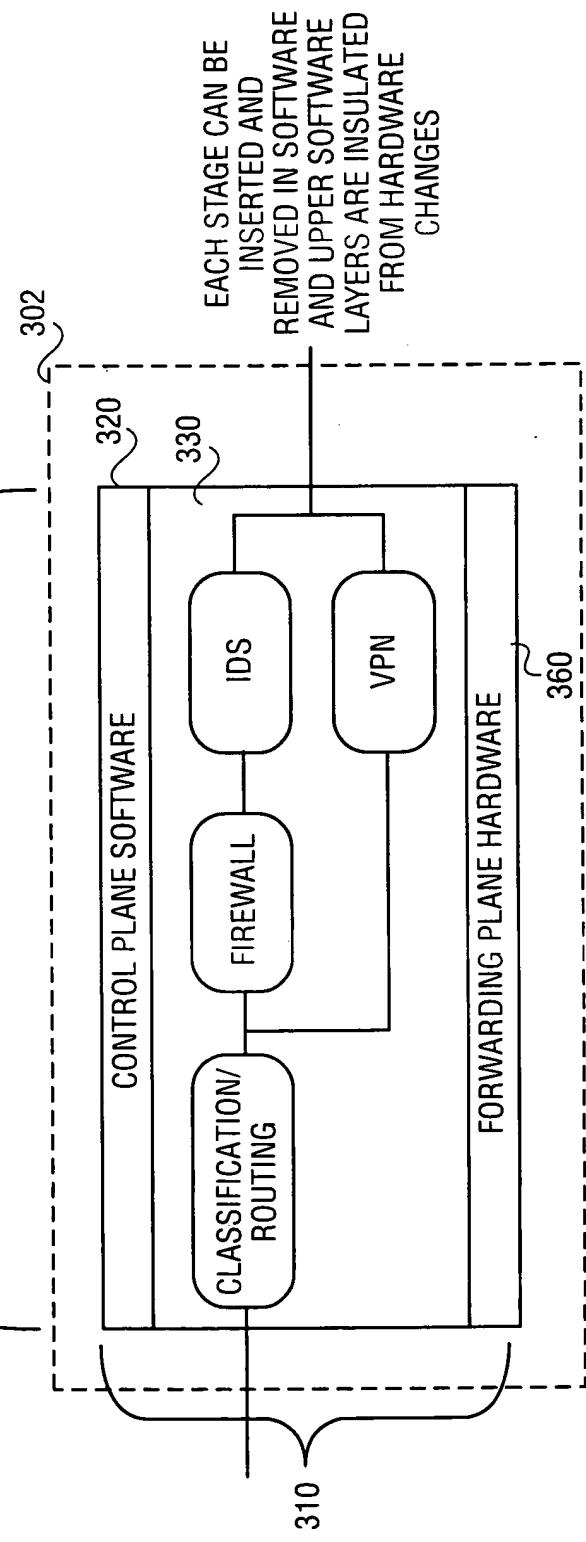


FIG. 6

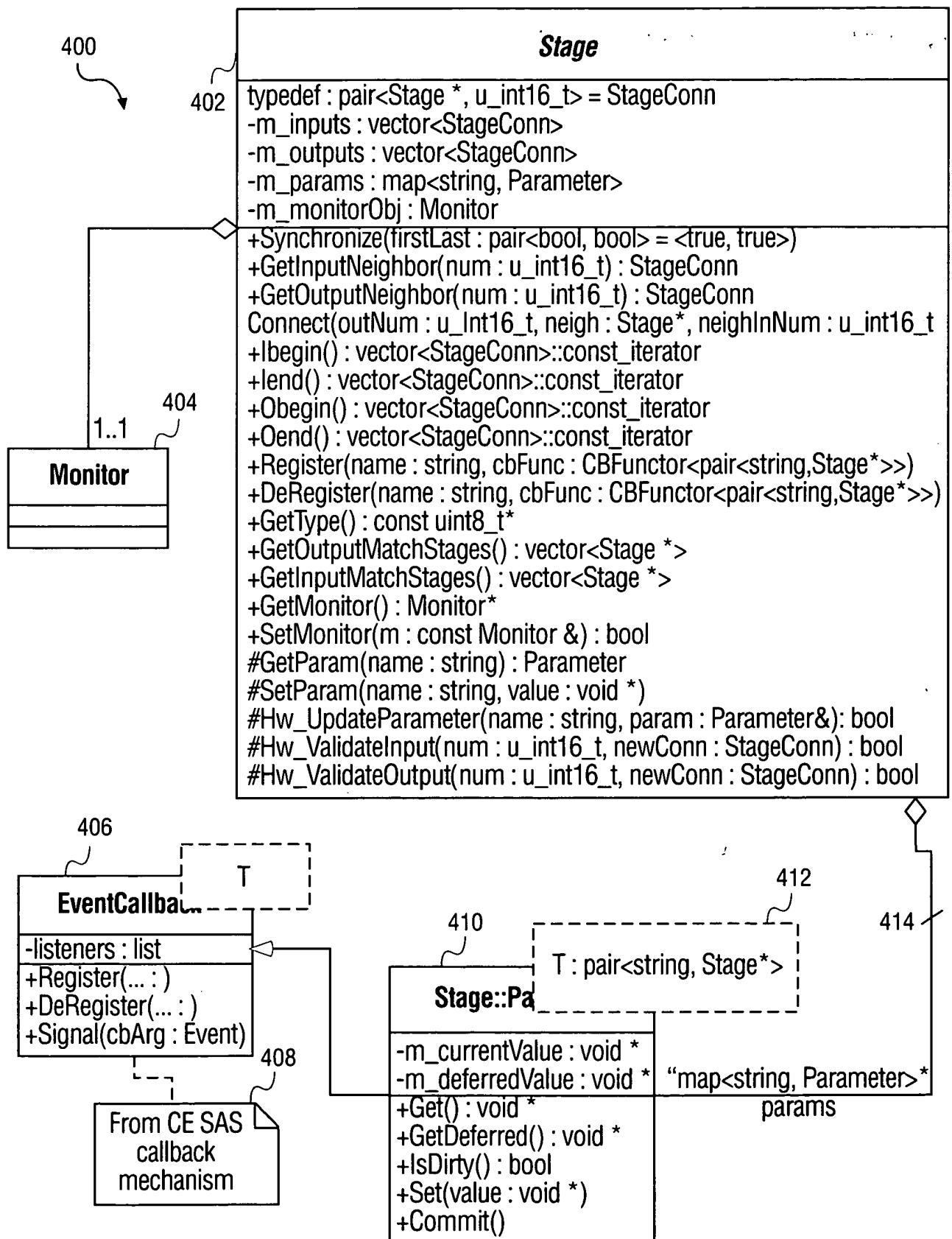
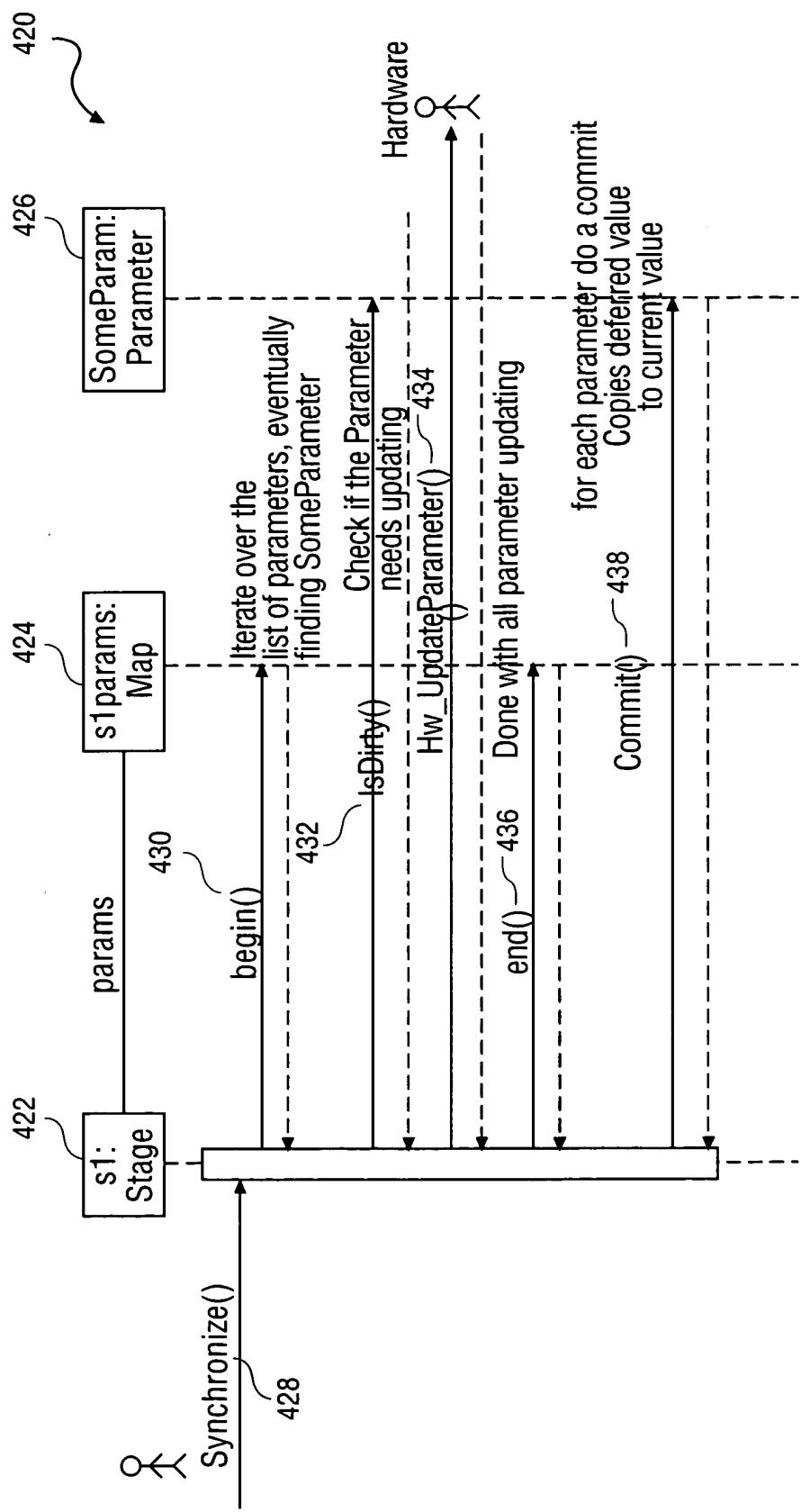


FIG. 7

FIG. 8



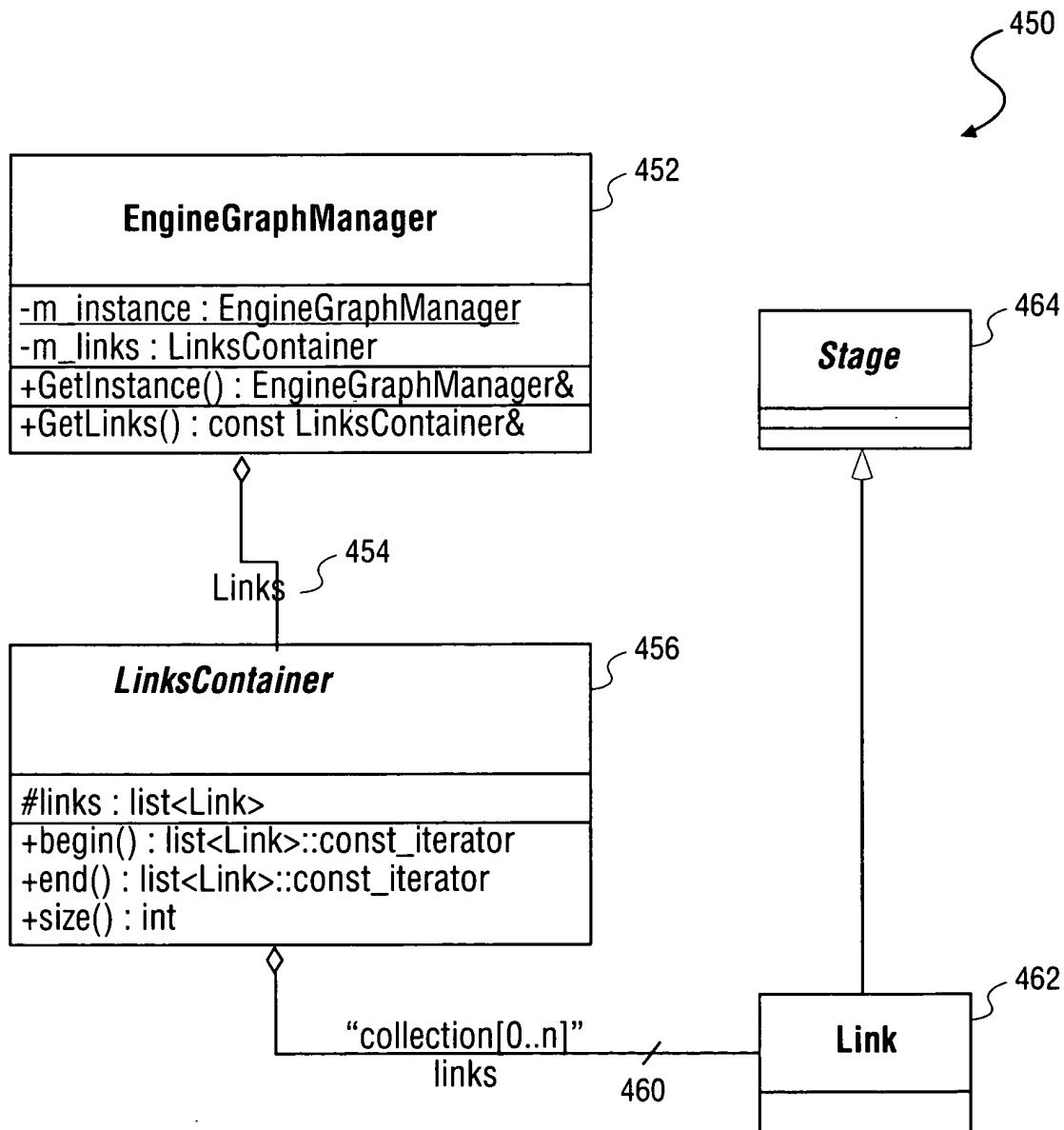


FIG. 9

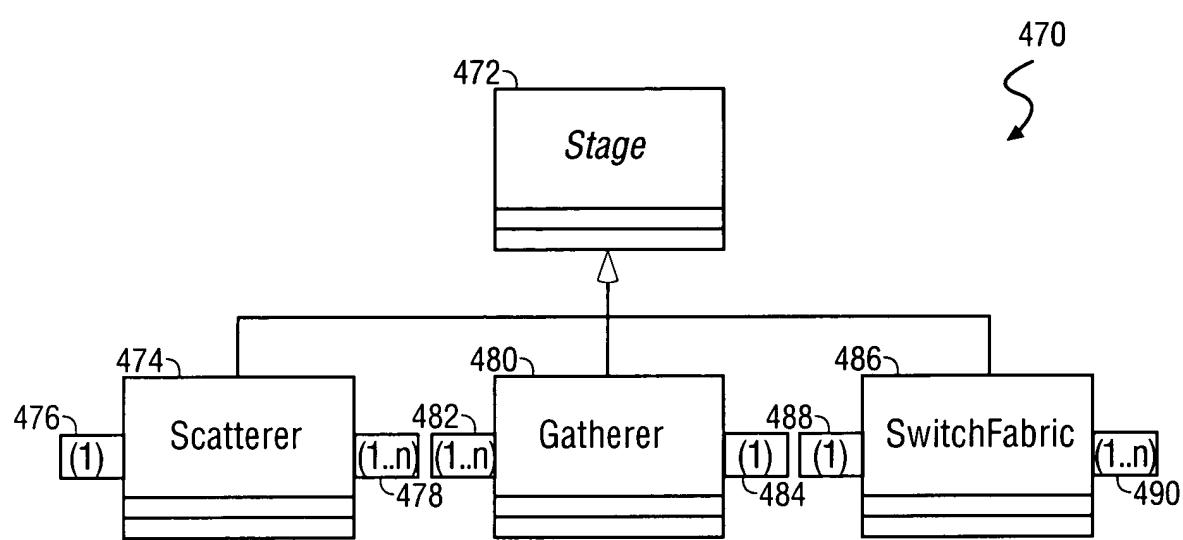


FIG. 10

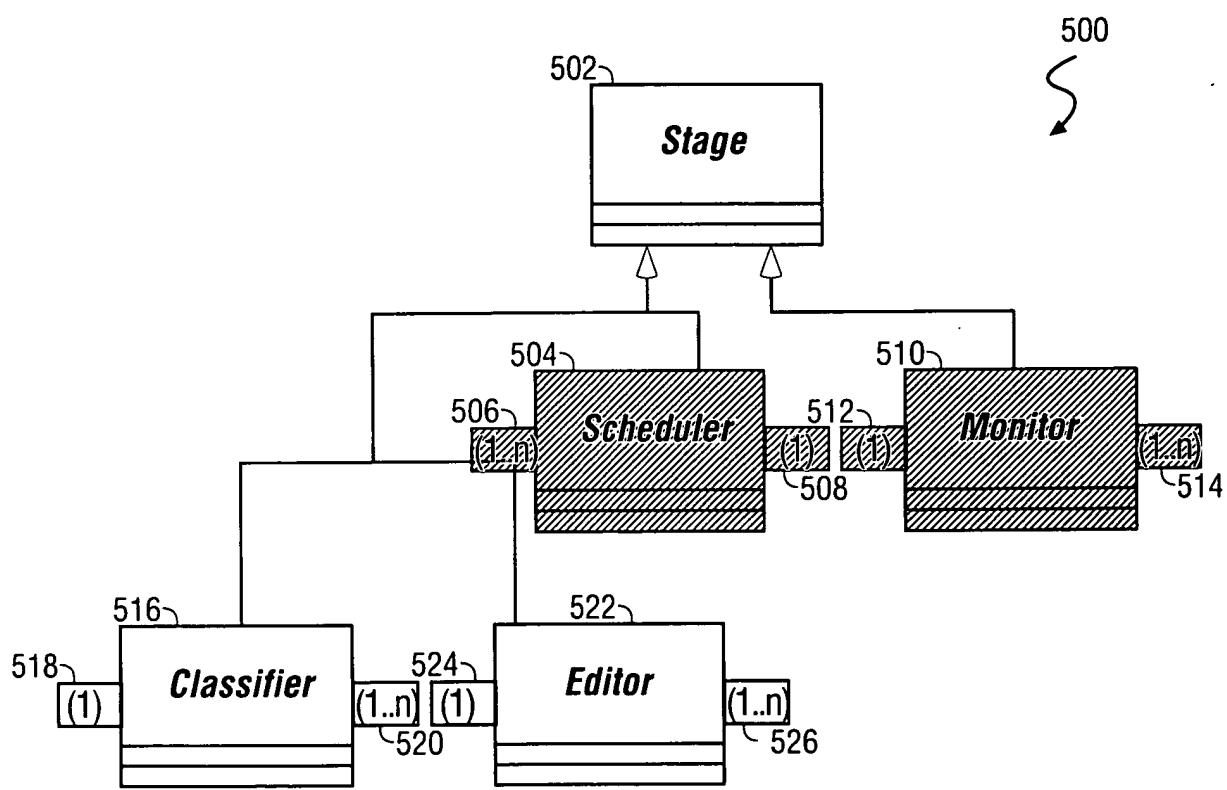


FIG. 11

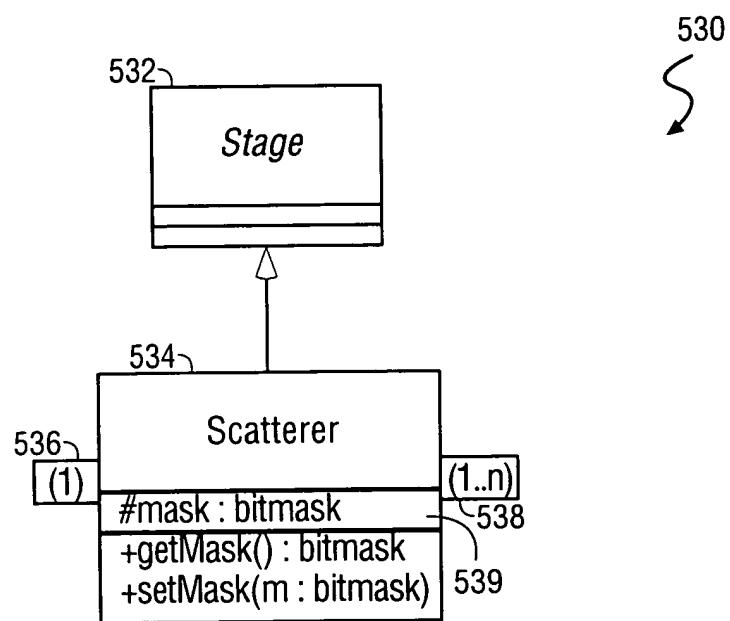


FIG. 12

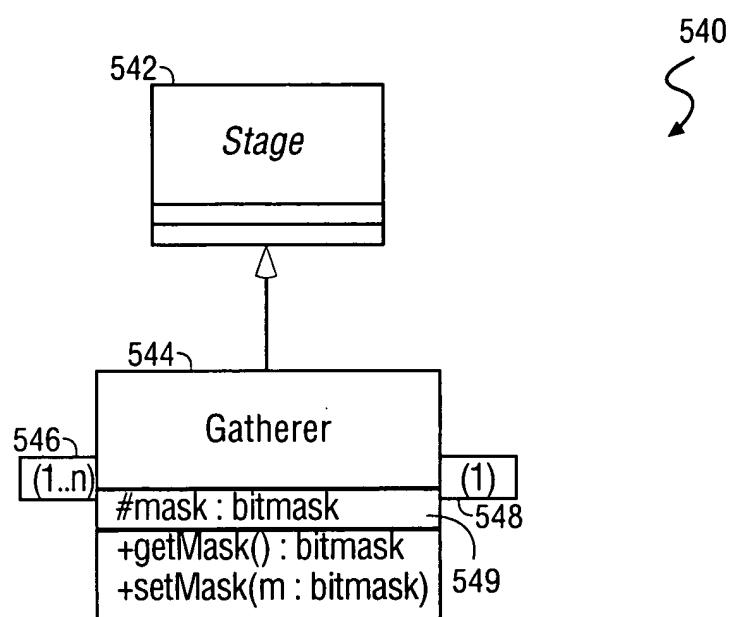


FIG. 13

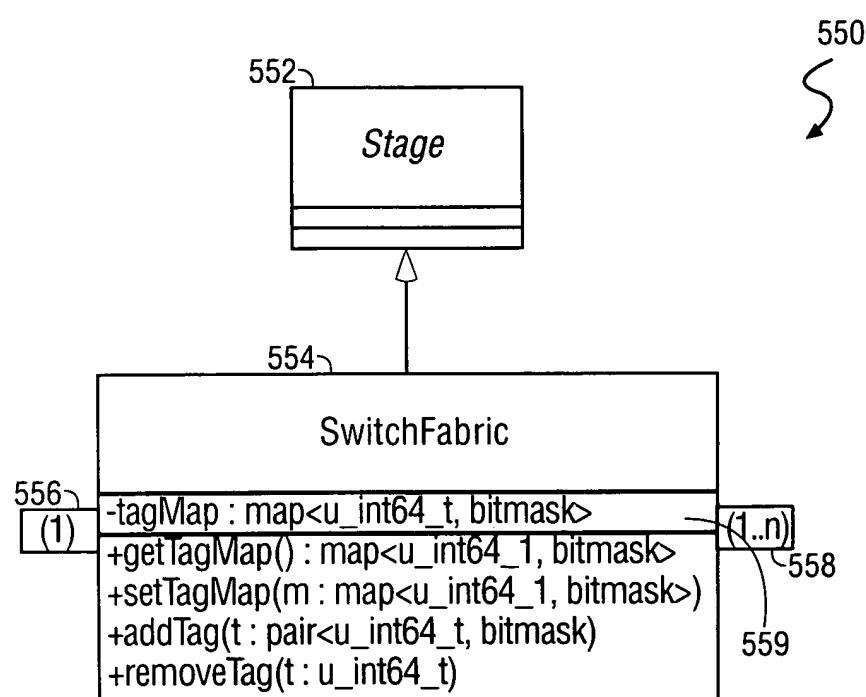


FIG. 14

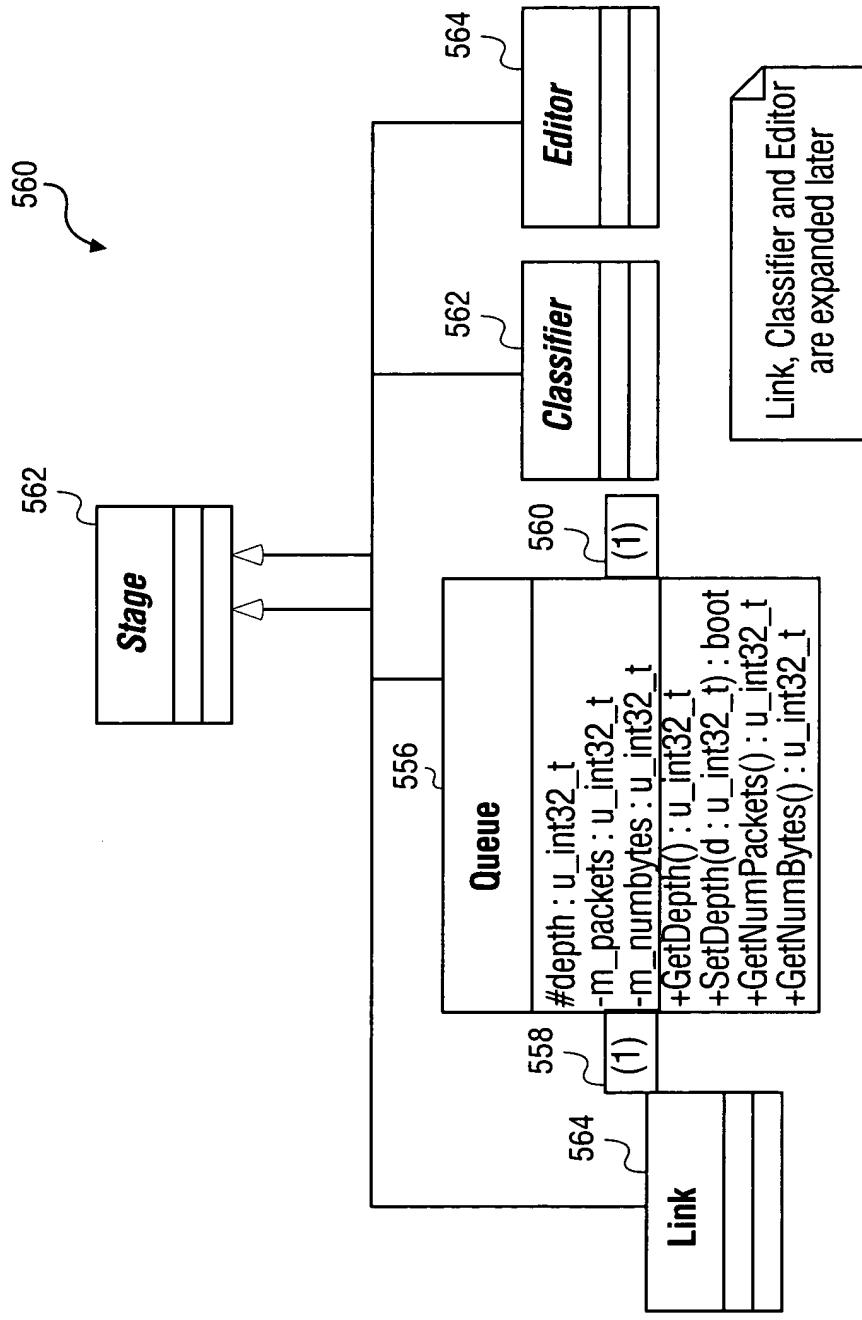


FIG. 15

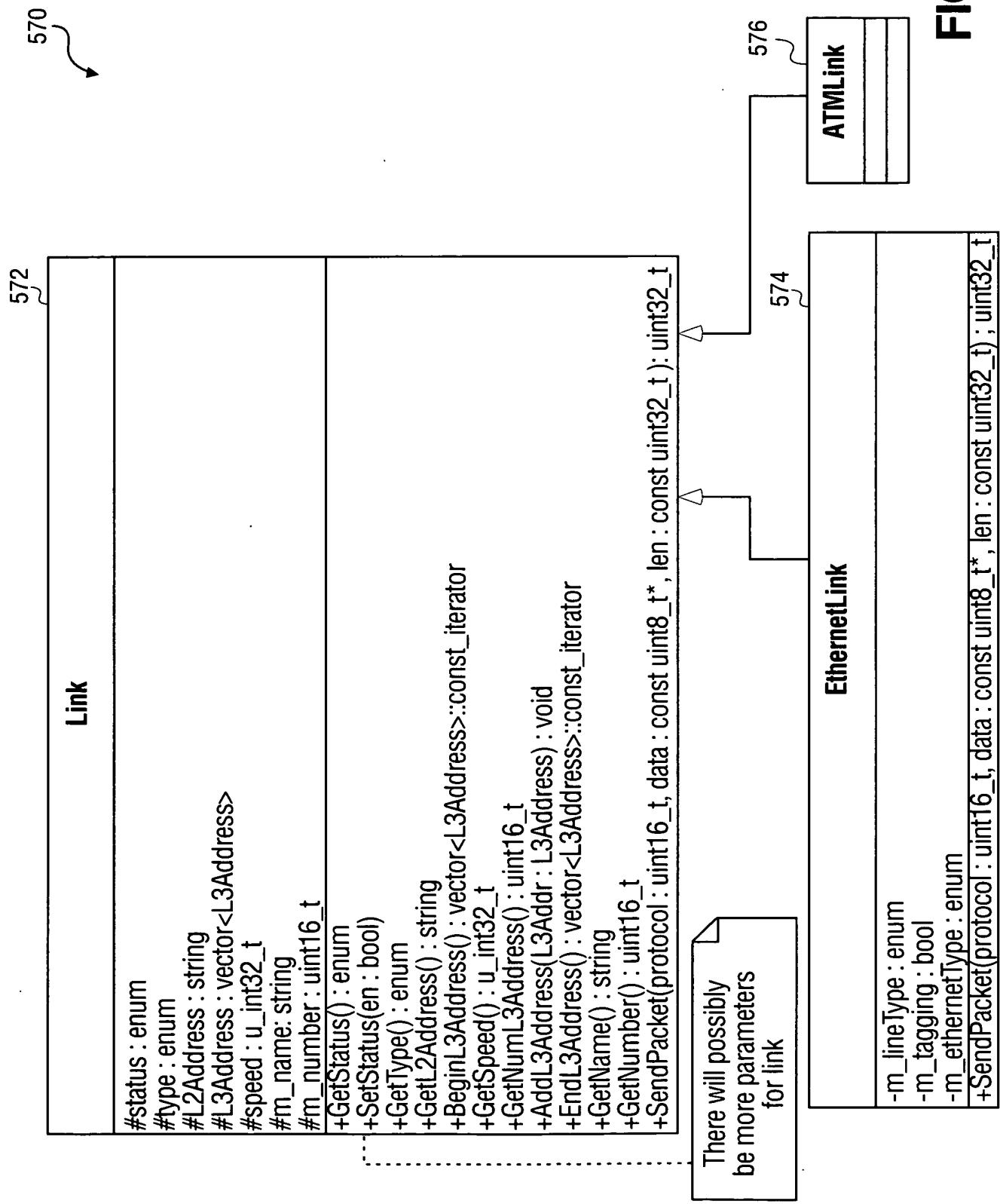


FIG. 17

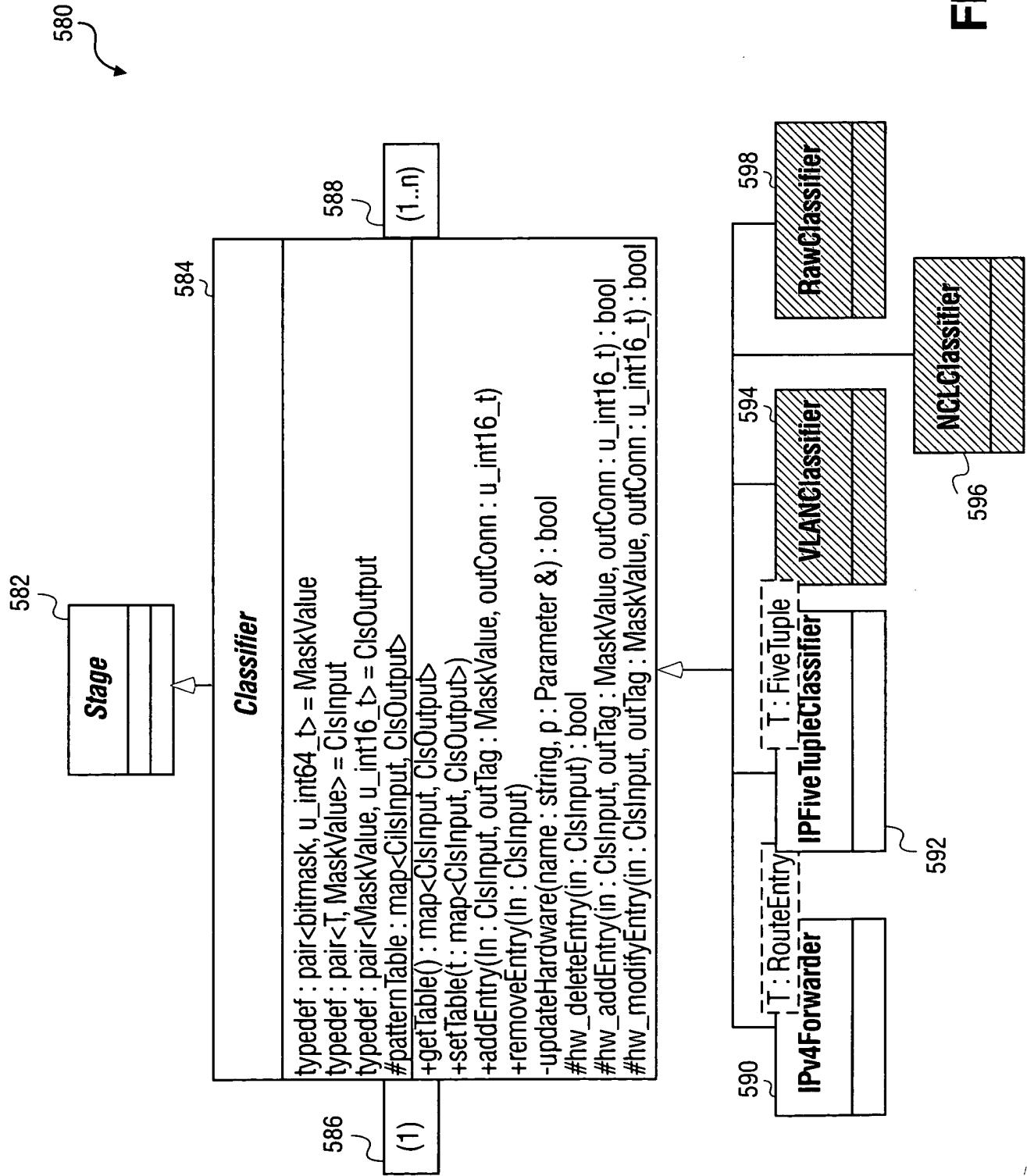


FIG. 18

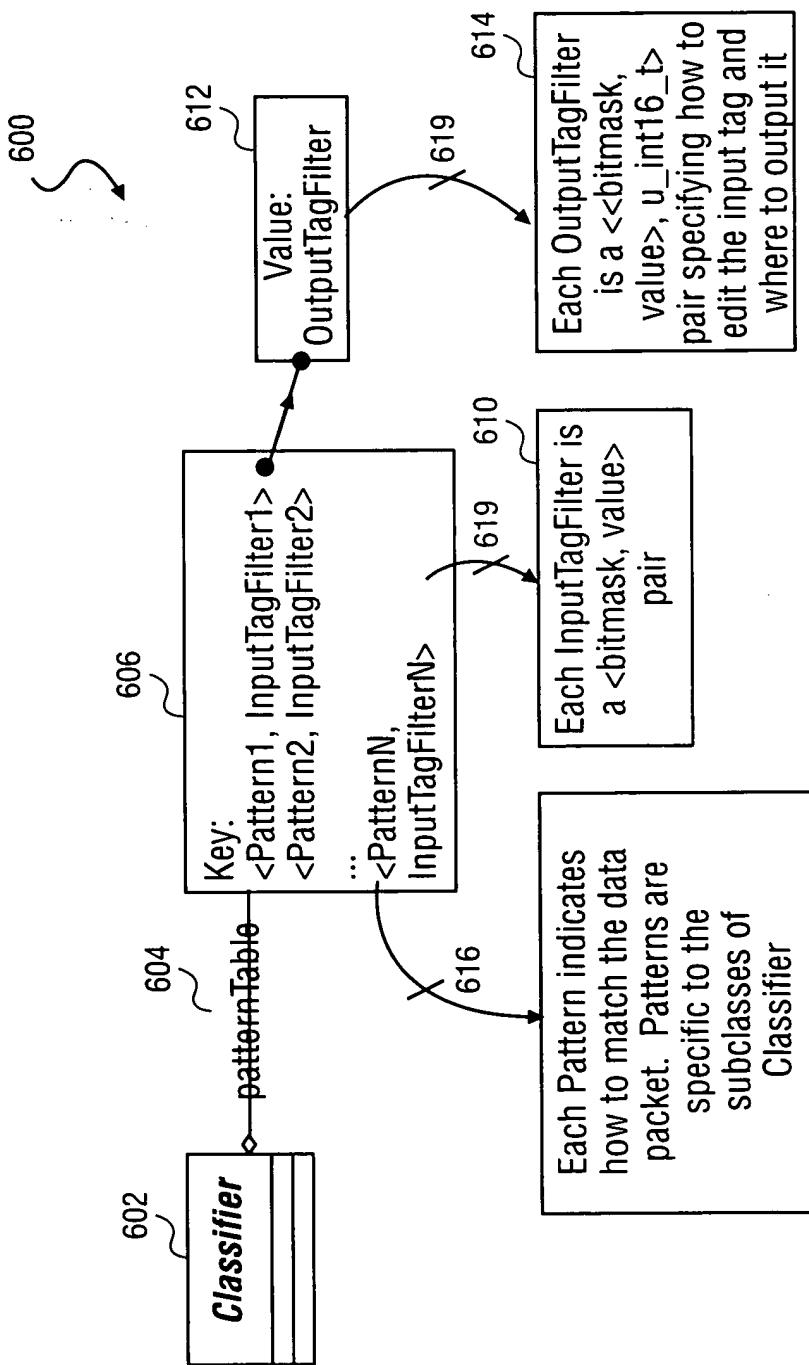


FIG. 19

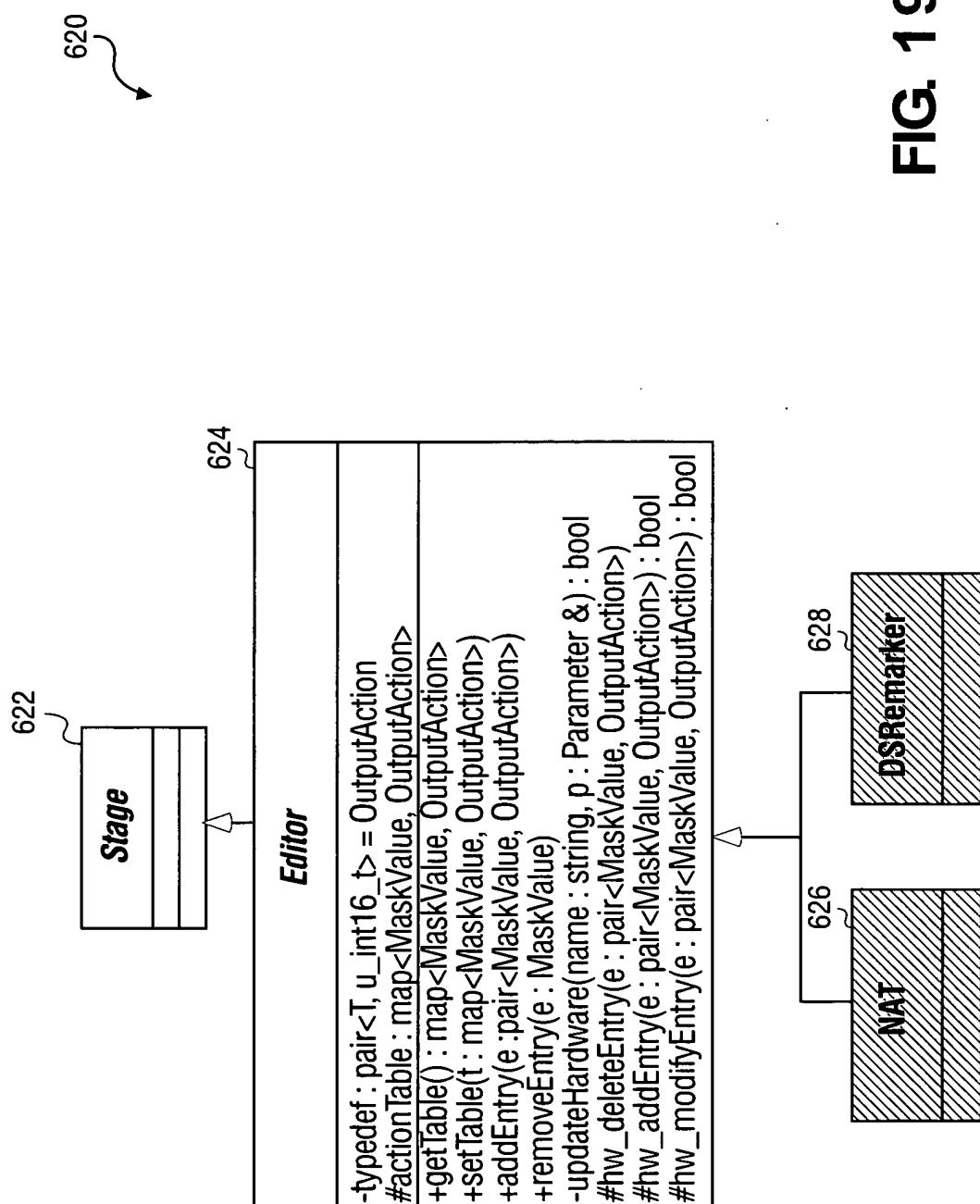


FIG. 20

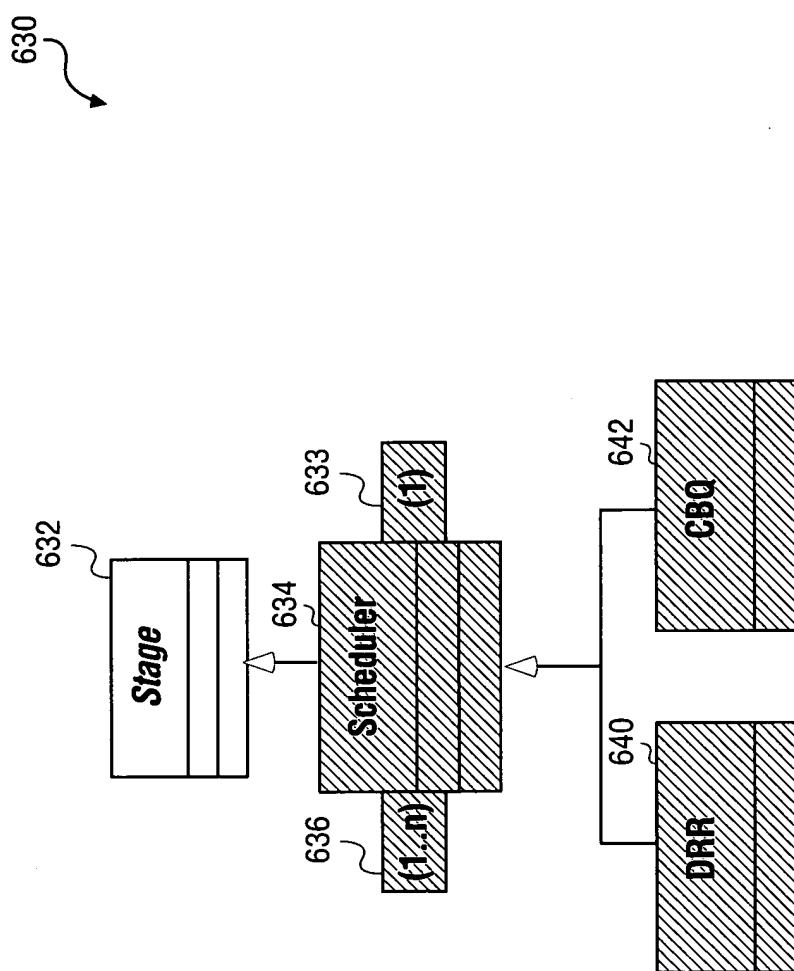
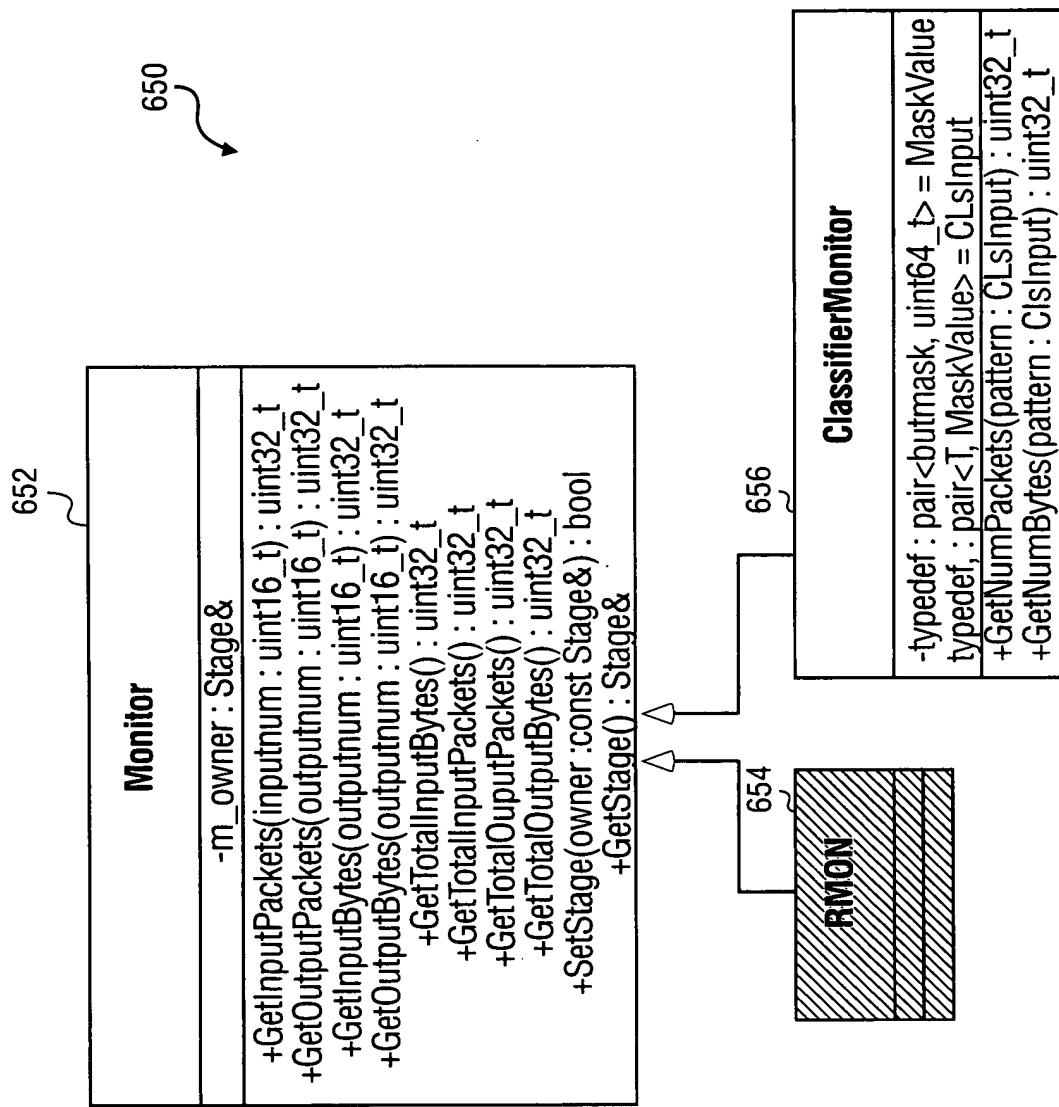


FIG. 21



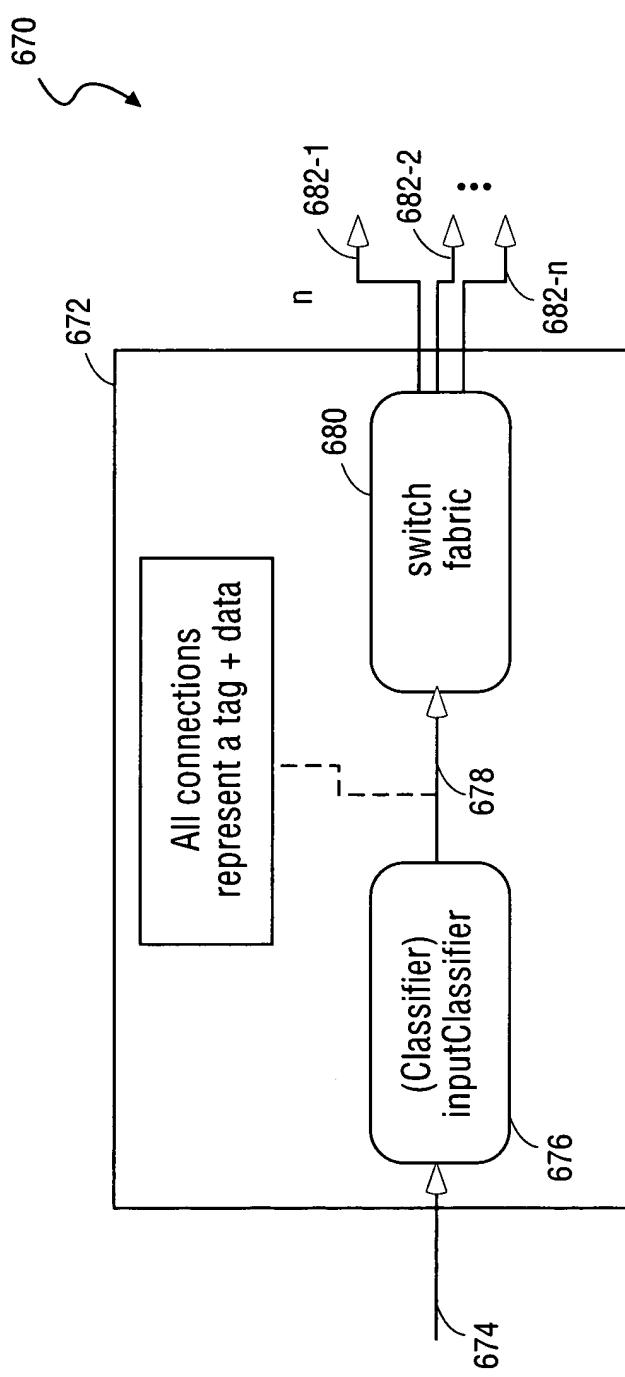


FIG. 22

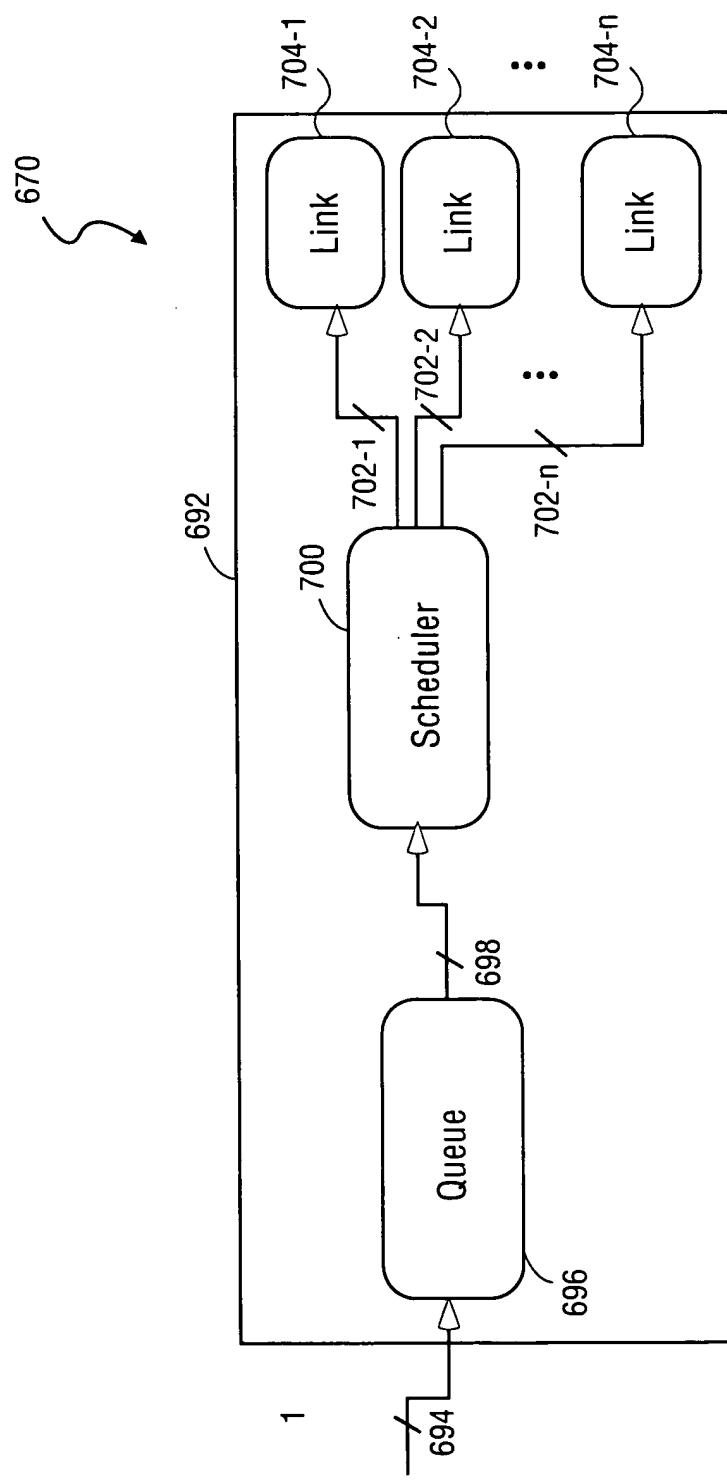


FIG. 23